



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 7

Complete if Known

Application Number	10/776,770
Filing Date	Feb. 11, 2004
First named Inventor	George Kadlicko
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	67559/00030

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/R.G./ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		US-11/233,822	02-02-2006	Gray Jr.	
		US-10/883,312	01-05-2006	Teslak et al.	
		US-10/883,320	01-05-2006	Teslak et al.	
		US-10/883,311	01-05-2006	Teslak et al.	
		US-10/883,292	01-05-2006	Teslak et al.	
		US-6,973,782	12-13-2005	Rose	
		US-6,971,232	12-06-2005	Singh	
		US-6,962,050	11-08-2005	Hirald et al.	
		US-11/173,566	11-03-2005	Gray Jr. et al.	
		US-6,959,545	11-01-2005	Lippert et al.	
		US-11/130,893	09-22-2005	Gray Jr.	
		US-11/074,147	09-08-2005	Moskalik et al.	
		US-6,932,733	08-23-2005	Pollman	
		US-10/768,849	08-04-2005	Roethier et al.	
		US-6,922,990	08-02-2005	Naruse et al.	
		US-6,922,989	08-02-2005	Nagura et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind-Code ⁵ (if known)				
/R.G./ ↓ ↓ ↓ ↓ ↓		WO	08702952	A1	05-21-1987	Frazer		
		WO	08705574	A1	09-24-1987	Frazer		
		EP	00245308	B1	08-28-1991	Frazer		
		WO	09834212	A1	10-31-1996	Gray		
		EP	00893698	A1	01-27-1999	Brunner		
		WO	00013952	A1	03-16-2000	Perry et al.		

Examiner
Signature

/Ryan Gillan/

Date
Considered

04/14/2007

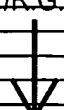
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicants' unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
Sheet	2	of	7	Application Number	10/776,770
				Filing Date	Feb. 11, 2004
				First named Inventor	George Kadlicko
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	67559/00030

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/R.G./		US-11/087,681	07-28-2005	Yang	
		US-10/516,960	07-28-2005	Russel-Smith	
		US-6,912,849	07-05-2005	Inoue et al.	
		US-6,899,190	05-31-2005	Bordini	
		US-10/769,459	12-16-2004	Gray Jr. et al.	
		US-6,820,356	11-23-2004	Naruse et al.	
		US-10/780,112	09-09-2004	Rush et al.	
		US-6,719,080	04-13-2004	Gray Jr.	
		US-6,712,166	03-30-2004	Rush et al.	
		US-6,708,789	03-23-2004	Albuquerque De Souza E Silva	
		US-6,708,787	03-23-2004	Naruse et al.	
		US-6,619,325	09-16-2003	Gray Jr.	
		US-6,578,549	06-17-2003	Bordini	
		US-10/275,070	05-29-2003	Hiraki et al.	
		US-10/168,302	12-19-2002	Bruun	
		US-6,408,972	06-25-2002	Rodgers et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind-Code ⁵ (if known)				
/R.G./		WO	00102715	A1	01-11-2001	Salter et al.		
		EP	00762957	B1	03-21-2001	Gray Jr. et al.		
		WO	01048387	A1	07-05-2001	Bruun		
		WO	00151870	A1	07-19-2001	Gray		
		WO	00188381	A1	11-22-2001	Hiraki et al.		
		EP	00854793	B1	04-10-2002	Gray Jr.		

Examiner Signature	/Ryan Gillan/	Date Considered	04/14/2007
-----------------------	---------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicants' unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
Application Number		10/776,770			
Filing Date		Feb. 11, 2004			
First named Inventor		George Kadlicko			
Art Unit		Not Yet Assigned			
Examiner Name		Not Yet Assigned			
Attorney Docket Number		67559/00030			
Sheet	3	of	7		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/R.G./		US-09/798,144	12-06-2001	Rush et al.	
↓		US-5,076,377	12-31-1991	Frazer	
		US-4,540,221	09-10-1985	Frazer	
		US-4,540,345	09-10-1985	Frazer	
		US-4,129,063	12-12-1978	Ifield	
		US-3,963,039	06-15-1976	Coeurderoy	
		US-3,922,854	12-02-1975	Coeurderoy	
		US-3,791,703	02-12-1974	Ifield	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind-Code ⁵ (if known)				
/R.G./		EP	1199204	A1	04-24-2002	Bordini		
↓		WO	00243980	A2	06-06-2002	Frazer et al.		
↓		WO	00246621	A3	06-13-2002	Frazer		
↓		EP	01223066	A2	07-17-2002	Bordini		
↓		EP	01228917	A1	08-07-2002	Robinson et al.		
↓		WO	03048627	A1	06-12-2003	Gray		

Examiner Signature	/Ryan Gillan/	Date Considered	04/14/2007
-----------------------	---------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicants' unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
Application Number		10/776,770			
Filing Date		Feb. 11, 2004			
First named Inventor		George Kadlicko			
Art Unit		Not Yet Assigned			
Examiner Name		Not Yet Assigned			
Attorney Docket Number		67559/00030			
Sheet	4	of	7		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind-Code ⁵ (if known)				
/R.G./		WO	03052302	A3	06-26-2003	Caldwell et al.		
		GB	02386164	A	09-10-2003	Vermeulen		
		EP	1342937	A2	10-09-2003	Vermeulen		
		WO	03106816	A1	12-24-2003	Rush		
		WO	04025122	A1	03-25-2004	Stein et al.		
		WO	04033906	A1	04-22-2004	Rush		

Examiner Signature	/Ryan Gillan/	Date Considered	04/14/2007
-----------------------	---------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicants' unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/776,770
				Filing Date	Feb. 11, 2004
				First named inventor	George Kadlicko
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	67559/00030
Sheet	5	of	7		

[illegible]

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind-Code ⁵ (if known)				
R.G.		WO	04081380	A2	09-23-2004	Gray		
↓		WO	05014324	A3	02-17-2005	Gray		
		WO	06055978	A1	05-26-2006	Lynn et al.		
		WO	05061904	A1	07-07-2005	Rose		
		WO	05068849	A1	07-28-2005	Rose		
		WO	05075233	A2	08-18-2005	Gray et al.		

Examiner Signature	/Ryan Gillan/	Date Considered	04/14/2007
--------------------	---------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicants' unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
Sheet	7	of	7	Application Number	10/776,770
				Filing Date	Feb. 11, 2004
				First named Inventor	George Kadlicko
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	67559/00030

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind-Code ⁵ (if known)				
/R G /		EP	01628028	A3	02-22-2006	Swartzer et al.		
↓		WO	06027938	A1	03-16-2006	Komatsu et al.		
		WO	06038968	A1	04-13-2006	Rose		

Examiner Signature	/Ryan Gillan/	Date Considered	04/14/2007
--------------------	---------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicants' unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

JFW



PATENT
04095-P0014A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	George Kadlicko
Application No. 10/776,770	Filing Date: February 11, 2004
Title of Application:	Piston Assembly for Rotary Hydraulic Machines
Confirmation No. 3433	Art Unit: 3746
Examiner	

Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

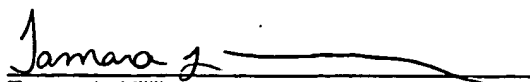
Information Disclosure Statement by Applicant

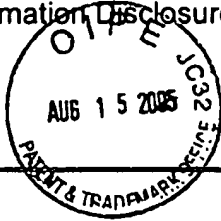
As a means of complying with the duty of disclosure set forth in 37 CFR §1.56, Applicant lists the following references (copies of the listed patents and papers enclosed).

U.S. Patent Documents				
Exam. Initials	Class/ Subclass.	Document No.	Date	Name
/R.G./		3,252,426	5/1966	James R. Parr
/R.G./		3,306,209	2/1967	Henry P. Tyler
/R.G./	417/222	3,834,836	9/1974	Hein et al.
/R.G./	417/404	3,846,049	11/1974	Douglas

Mailing Certificate: I hereby certify that this correspondence is today being deposited with the U.S. Postal Service as *First Class Mail* in an envelope addressed to: Commissioner of Patents and Trademarks; Post Office Box 1450; Alexandria, VA 22313-1450.

August 10 2005


Tamara L. Millikan



U.S. Patent Documents				
Exam. Initials	Class/ Subclass.	Document No.	Date	Name
/R.G./	417/225	4,077,746	3/1978	Reynolds
/R.G./	417/222	4,097,196	6/1978	Habiger
/R.G./	242/47.01	4,850,544	7/1989	Snijders

Other Documents	
Exam. Initials	Description (Author, Title, Date, Pages, etc)
/R.G./	International Search Report; April 11, 2005 (2 Pages)

The listed patents pertain in a general way to the subject matter of the application, but are not necessarily considered to be analogous prior art.

Respectfully submitted,

August¹⁰, 2005

Wesley W. Whitmyer, Jr., Registration No. 33,558
Attorney for Applicant
ST.ONGE STEWARD JOHNSTON & REENS LLC
986 Bedford Street
Stamford, CT 06905-5619
203 324-6155

04/14/2007
Date Considered

/Ryan Gillan/
Examiner